

Author Index

- Abuknesha, R., see Brecht, A. 69
- Ahmad, R., see Fogg, A.G. 235
- Ahsan, S.
—, Kaneco, S., Ohta, K., Mizuno, T., Suzuki, T., Miyada, M. and Taniguchi, Y.
Electrothermal atomic absorption spectrometric determination of lead in calcium drug samples by direct atomization technique 279
- Ascenzo, G.D., see Wenli, L. 253
- Backofen, U.
—, Hoffmann, W. and Matysik, F.-M.
Capillary batch injection analysis: a novel approach for analyzing nanoliter samples 213
- Baeyens, W.R.G., see Ouyang, J. 113
- Barceló, D.
Preface 1
- Barceló, D., see Brecht, A. 69
- Barceló, D., see Nunes, G.S. 59
- Barcelo, D., see Hennion, M.-C. 3
- Barek, J., see Fogg, A.G. 235
- Barnett, N.W.
—, Hindson, B.J. and Lewis, S.W.
Determination of 5-hydroxytryptamine (serotonin) and related indoles by flow injection analysis with acidic potassium permanganate chemiluminescence detection 131
- Barzen, C., see Brecht, A. 69
- Bauer, C.G., see Streffer, K. 81
- Bellisario, F., see Wenli, L. 253
- Bhagwat, A.M., see Patel, Y. 271
- Binotto, R., see Bohrer, D. 163
- Birkett, J.W.
—, Jones, M.N., Bryan, N.D. and Livens, F.R.
The effects of solution conditions on partial specific volumes of humic substances 299
- Bohrer, D.
—, Gioda, A., Binotto, R. and Cícero do Nascimento, P.
On-line separation and spectrophotometric determination of low levels of aluminum in high-salt content samples: application to analysis of hemodialysis fluids 163
- Bond, A.M., see Neshkova, M.T. 221
- Borrego, E.
—, Sicilia, D., Rubio, S. and Pérez-Bendito, D.
Determination of drugs based on the formation of mixed aggregates with surfactants 285
- Brecht, A.
—, Klotz, A., Barzen, C., Gauglitz, G., Harris, R.D., Quigley, G.R., Wilkinson, J.S., Sztajn bok, P., Abuknesha, R., Gascón, J., Oubiña, A. and Barceló, D.
Optical immunoprobe development for multiresidue monitoring in water 69
- Brown, J.K., see Burns, D.T. 171
- Bryan, N.D., see Birkett, J.W. 299
- Burns, D.T.
—, Brown, J.K., Dinsmore, A. and Harvey, K.K.
Base-activated latent fingerprints fumed with a cyanoacrylate monomer. A quantitative study using Fourier-transform infrared spectroscopy 171
- Cícero do Nascimento, P., see Bohrer, D. 163
- Casarci, M., see Wenli, L. 253
- Cattrall, R.W., see Neshkova, M.T. 221
- Chia, L.S., see Li, J. 203
- Cui, H.
—, Li, Q., Meng, R., Zhao, H. and He, C.
Flow injection analysis of tannic acid with inhibited chemiluminescent detection 151
- Curini, R., see Wenli, L. 253
- Dankwardt, A.
—, Müller, J. and Hock, B.
Stabilization of enzyme immunoassays for atrazine 35
- Delanghe, J., see Ouyang, J. 113
- Dhorda, U.J., see Patel, Y. 271
- Dinsmore, A., see Burns, D.T. 171
- Domínguez, E., see Parellada, J. 47
- Drost, S., see Uttenthaler, E. 91
- Fernández, J.J., see Parellada, J. 47
- Fogg, A.G.
—, Zannoni, M.V.B., Yusoff, A.R.H.M., Ahmad, R., Barek, J. and Zima, J.
Polarographic and voltammetric determination of triazine-based reactive azo dyes with 4-carboxypyridyl and 1,4-diazabicyclo[2,2,2]octanyl (DABCO) leaving groups 235
- Gascón, J., see Brecht, A. 69
- Gasparini, G.M., see Wenli, L. 253
- Gauglitz, G., see Brecht, A. 69
- Gioda, A., see Bohrer, D. 163

- Goh, N.K., see Li, J. 203
- Gong, B.
—, Liu, Y., Li, J. and Lin, T.
Comparison of chemical modifiers used for the determination of gold in ores by electrothermal atomic absorption spectrometry 247
- Gregorio, C.G., see Neshkova, M.T. 221
- Höhne, W., see Stöcklein, W.F.M. 101
- Harris, R.D., see Brecht, A. 69
- Harvey, K.K., see Burns, D.T. 171
- He, C., see Cui, H. 151
- Hennion, M.-C.
— and Barcelo, D.
Strengths and limitations of immunoassays for effective and efficient use for pesticide analysis in water samples: A review 3
- Hindson, B.J., see Barnett, N.W. 131
- Hipólito-Moreno, A.
—, León-González, M.E., Pérez-Arribas, L.V. and Polo-Díez, L.M.
Non-aqueous flow-injection determination of atrazine by inhibition of immobilized tyrosinase 187
- Hirokawa, T., see Ito, K. 241
- Hock, B., see Dankwardt, A. 35
- Hoffmann, W., see Backofen, U. 213
- Ito, K.
—, Masukawa, F., Mao, Q. and Hirokawa, T.
Inductively coupled plasma-atomic emission spectral fitting analysis of rare-earth elements in ion-adsorption type ores 241
- Jarzak, U., see Ma, H. 121
- Jones, M.N., see Birkett, J.W. 299
- Köblinger, C., see Uttenthaler, E. 91
- Kaatz, H., see Streffer, K. 81
- Kamaya, M.
—, Tomizawa, Y. and Nagashima, K.
Spectrophotometric method for the determination of an anionic surfactant without liquid-liquid extraction 157
- Kaneco, S., see Ahsan, S. 279
- Karatani, H.
— and Kojima, M.
Sensitized luminescence induced by nickel electrocatalysis to detect aliphatic hydroxy compounds 141
- Katakis, I., see Parellada, J. 47
- Kawakami, M.
—, Suzuki, N., Sudo, Y., Shishido, T. and Maeda, M.
Development of an enzyme-linked immunosorbent assay (ELISA) for antitumor agent MKT 077 177
- Kempter, G., see Stöcklein, W.F.M. 101
- Kirkova, A.A., see Neshkova, M.T. 221
- Klotz, A., see Brecht, A. 69
- Kojima, M., see Karatani, H. 141
- Kreulen, R., see Musashi, M. 261
- López, M.A., see Parellada, J. 47
- Langlois, M., see Ouyang, J. 113
- León-González, M.E., see Hipólito-Moreno, A. 187
- Lepre, A., see Mills, A. 193
- Lewis, S.W., see Barnett, N.W. 131
- Li, J.
—, Chia, L.S., Goh, N.K. and Tan, S.N.
Silica sol-gel immobilized amperometric biosensor for the determination of phenolic compounds 203
- Li, J., see Gong, B. 247
- Li, Q., see Cui, H. 151
- Lin, T., see Gong, B. 247
- Liu, Y., see Gong, B. 247
- Livens, F.R., see Birkett, J.W. 299
- Müller, J., see Dankwardt, A. 35
- Ma, H.
—, Jarzak, U. and Thiemann, W.
Synthesis and spectroscopic properties of new luminol-linked calixarene derivatives 121
- Maeda, M., see Kawakami, M. 177
- Makower, A., see Streffer, K. 81
- Mao, Q., see Ito, K. 241
- Markl, G., see Musashi, M. 261
- Masukawa, F., see Ito, K. 241
- Mattia, B., see Wenli, L. 253
- Matysik, F.-M., see Backofen, U. 213
- Meng, R., see Cui, H. 151
- Micheel, B., see Stöcklein, W.F.M. 101
- Mills, A.
—, Lepre, A. and Wild, L.
Effect of plasticizer-polymer compatibility on the response characteristics of optical thin CO₂ and O₂ sensing films 193
- Miyada, M., see Ahsan, S. 279
- Mizuno, T., see Ahsan, S. 279
- Musashi, M.
—, Markl, G. and Kreulen, R.
Stable chlorine-isotope analysis of rock samples: New aspects of chlorine extraction 261
- Nagashima, K., see Kamaya, M. 157
- Narváez, A., see Parellada, J. 47
- Neshkova, M.T.
—, Kirkova, A.A., Cattrall, R.W., Gregorio, C.G. and Bond, A.M.
Flow injection discrimination of the chloride interference with Cu(II) electrode function of chalcogenide based solid-state copper ion-selective electrodes 221
- Nunes, G.S.
—, Skládal, P., Yamanaka, H. and Barceló, D.
Determination of carbamate residues in crop samples by cholinesterase-based biosensors and chromatographic techniques 59
- Ohta, K., see Ahsan, S. 279
- Oubiña, A., see Brecht, A. 69
- Ouyang, J.
—, Delanghe, J., Baeyens, W.R.G. and Langlois, M.
Application of Western-blotting technique with chemiluminescence imaging to the study of haptoglobin type and haptoglobin complexes 113

- Pérez-Arribas, L.V., see Hipólito-Moreno, A. 187
- Pérez-Bendito, D., see Borrego, E. 285
- Parellada, J.
—, Narváez, A., López, M.A., Domínguez, E., Fernández, J.J., Pavlov, V. and Katakis, I.
Amperometric immunosensors and enzyme electrodes for environmental applications 47
- Patel, Y.
—, Dhorda, U.J., Sundaresan, M. and Bhagwat, A.M.
Separation and estimation of five imidazoles by packed column supercritical fluid chromatography 271
- Pavlov, V., see Parellada, J. 47
- Peter, M.G., see Streffer, K. 81
- Polo-Díez, L.M., see Hipólito-Moreno, A. 187
- Quigley, G.R., see Brecht, A. 69
- Rubio, S., see Borrego, E. 285
- Scheller, F.W., see Stöcklein, W.F.M. 101
- Scheller, F.W., see Streffer, K. 81
- Schulmeister, T., see Streffer, K. 81
- Shishido, T., see Kawakami, M. 177
- Sicilia, D., see Borrego, E. 285
- Skládal, P., see Nunes, G.S. 59
- Stöcklein, W.F.M.
—, Warsinke, A., Micheel, B., Kempter, G., Höhne, W. and Scheller, F.W.
Diphenylurea hapten sensing with a monoclonal antibody and its Fab fragment: Kinetic and thermodynamic investigations 101
- Streffer, K.
—, Kaatz, H., Bauer, C.G., Makower, A., Schulmeister, T., Scheller, F.W., Peter, M.G. and Wollenberger, U.
Application of a sensitive catechol detector for determination of tyrosinase inhibitors 81
- Sudo, Y., see Kawakami, M. 177
- Sundaresan, M., see Patel, Y. 271
- Suzuki, N., see Kawakami, M. 177
- Suzuki, T., see Ahsan, S. 279
- Sztajn bok, P., see Brecht, A. 69
- Tan, S.N., see Li, J. 203
- Taniguchi, Y., see Ahsan, S. 279
- Thiemann, W., see Ma, H. 121
- Tomizawa, Y., see Kamaya, M. 157
- Traverso, D.M., see Wenli, L. 253
- Uttenthaler, E.
—, Kößlinger, C. and Drost, S.
Quartz crystal biosensor for detection of the African Swine Fever disease 91
- Warsinke, A., see Stöcklein, W.F.M. 101
- Wenli, L.
—, Ascenzo, G.D., Curini, R., Gasparini, G.M., Casarci, M., Mattia, B., Traverso, D.M. and Bellisario, F.
Study of on-line analysis using energy dispersive X-ray fluorescence spectrometry for controlling lanthanum and neodymium extraction 253
- Wild, L., see Mills, A. 193
- Wilkinson, J.S., see Brecht, A. 69
- Wollenberger, U., see Streffer, K. 81
- Yamanaka, H., see Nunes, G.S. 59
- Yusoff, A.R.H.M., see Fogg, A.G. 235
- Zanoni, M.V.B., see Fogg, A.G. 235
- Zhao, H., see Cui, H. 151
- Zima, J., see Fogg, A.G. 235

